Journal of Neuropathology and Experimental Neurology
Vol. 44, No. 6
November, 1985
pp. 632–635
Copyright © 1985 by the American Association of Neuropathologists

AUTHOR INDEX

*—Original Article
A—Abstract of 60th Annual AANP Meeting
B—Book Review
L—Letter
M—In Memoriam

Abraham C, ^365
Adachi M, ^315
Adair CF, *520
Adelman LS, ^316, ^324
Ahdab-Barmada M, B217, ^327
Aikawa H, ^342
Alroy J, ^351
Altschuler RJ, ^366, ^368
Alvord EC, Jr, ^320
Andermann E, ^356
Andermann F, ^356
Anderson PJ, *18
Anderton BH, ^367
Ang LC, ^334
Antel JP, *533
Appel M, ^355
Appel MJG, ^362
Arahata K, ^361
Araoz C, ^359
Archer G, ^311, ^316
Atack E, ^309
Austin GE, ^365
Autilio-Gambetti L, ^345

Bakay RAE, ^307
Balentine JD, ^332
Ball MJ, B218
Banks G B440
Bardosi A ^356
Barres D, ^314
Barron KD, ^326
Barry RA, ^364
Barshatsky M, ^359
Beamer WG, ^318
Beck DW, ^338, ^341, *445
Becker LE, ^309, ^314
Beggs JL, ^345
Ben-Yoseph Y, ^335
Benitez JT, ^352
Beppu T, ^358
Berliner JA, *445
Beuche W, *60, *73
Beyreuther K, ^363
Bignami A, ^328, ^344
Bigner DD, *229, *242, ^310, ^313, ^315, ^331, *592
Bigner SH, ^310, ^315, *592
Bird ED, *559
Bjornsson J, *32
Boggs AL, ^327
Bonilla N, ^313
Bonnin JM, ^333
Bornstein MB, *295, ^319, ^343, ^348
Bouldin TW, *384
Bourque EA, ^352
Bowman PD, ^339
Braunfeld MB, ^364
Bready JV, *445
Bresnan M, ^360
Brion S, ^322
Brooks SE, ^315
Brosnan CF, *196, ^318, ^319
Brown HR, ^359
Brown PW, ^328
Bruce ME, *285
Brumback RA, *507
Buchmeier MJ, ^323
Burger PC, ^310, ^331, *592
Burns AC, ^335
Burns RS, ^325

Cammer W, ^318
Campbell WW, Jr, ^356
Cancilla PA, *445
Cardozo J, ^313
Carp RI, ^357, ^363, ^364, ^367
Carpenter S, ^356
Carter TH, *196
Casanova MF, ^324, ^325, ^366, ^368
Caughey RC, ^361
Chad D, ^355
Challa VR, ^313, ^341
Chen WYK, ^360, *606
Cherry JA, ^347
Chi NH, ^344
Chiu F-C, ^319
Cho E-S, ^323, ^349
Cho L, ^350
Choi BH, ^336, ^345
Choi H-SH, *18
Chou SM, ^351, ^361
Clapin D, ^334
Cole R, ^323
Colon LE, ^337
Connell F, ^342
Cook RD, ^319
Cork LC, *165, ^366, ^368
Costello P, ^338
Crawford BG, ^315
Crone KR, ^313
Crow TJ, *176
Crowe A, ^367
Cruse RP, ^351

Dahl D, ^328, ^344
Daita G, ^311
David JP, ^313
Davis PC, ^307
Davis RL, ^316
DeArmond SJ, ^316, ^364, *459
Deck JHN, ^357
DeGirolami U, ^355
de Lacoste MC, *578
DeLellis RA, ^316
Denaro FJ, ^350
Derouesné C, ^312
deVellis J, ^323
Dhib-Jalbut S, ^311
Dickinson AG, *285
Dickson D, ^329, ^341, ^367
Diven W, B217
Donohue-Rolfe A, *496
Dooling EC, ^334
Dorovini-Zis K, ^339
Dubeau F, ^355
Duckett S, =114, ^318, ^335
Duffy PE, *486
Duhr M-A, ^314
Duncan ID, ^322
Duwe GF, *617
Dyck PJ, ^346

Ebers GC, ^334
Elder PJ, ^312, *371
Eng LF, *47, ^326, ^331
Engel AG, B108, ^361
Epstein LG, ^350
Erenberg G, ^351
Eskin TA, ^354
Estes MI, ^351

Fan KJ, ^309, ^330
Faris A, B442
Fenko MD, ^331
Feringa ER, *156, ^355
Ferrante RJ, ^325, *559
Fetell MR, *486
Fischbeck KH, *147
Fischer EH, ^320
Fleit H, ^321
Forno LS, *47, ^326, *459
Forte S, ^324
Fratkin JD, ^340
Frauenhoffer EE, ^328
Frey WH, 2d, ^336
Friede RL, *60, *73, *546
Friedman HS, ^310, *592
Fujinami R, ^322

Gajdusek DC, ^328
Gambetti P, ^345, B530
Gang DL, ^334
Ganz J, ^317
Garcia JH, ^337, B441
Gardiner RE, ^326
Gause JM, ^368
Gautier JC, ^322
Gaynor JJ, *384
Geer JC, ^337
Ghatak NR, ^356

Journal of Neuropathology and Experimental Neurology
Vol. 44, No. 6
November, 1985
pp. 632–635
Copyright © 1985 by the American Association of Neuropathologists

AUTHOR INDEX

*—Original Article
A—Abstract of 60th Annual AANP Meeting
B—Book Review
L—Letter
M—In Memoriam

Abraham C, ^365
Adachi M, ^315
Adair CF, *520
Adelman LS, ^316, ^324
Ahdab-Barmada M, B217, ^327
Aikawa H, ^342
Alroy J, ^351
Altschuler RJ, ^366, ^368
Alvord EC, Jr, ^320
Andermann E, ^356
Andermann F, ^356
Anderson PJ, *18
Anderton BH, ^367
Ang LC, ^334
Antel JP, *533
Appel M, ^355
Appel MJG, ^362
Arahata K, ^361
Araoz C, ^359
Archer G, ^311, ^316
Atack E, ^309
Austin GE, ^365
Autilio-Gambetti L, ^345

Bakay RAE, ^307
Balentine JD, ^332
Ball MJ, B218
Banks G B440
Bardosi A ^356
Barres D, ^314
Barron KD, ^326
Barry RA, ^364
Barshatsky M, ^359
Beamer WG, ^318
Beck DW, ^338, ^341, *445
Becker LE, ^309, ^314
Beggs JL, ^345
Ben-Yoseph Y, ^335
Benitez JT, ^352
Beppu T, ^358
Berliner JA, *445
Beuche W, *60, *73
Beyreuther K, ^363
Bignami A, ^328, ^344
Bigner DD, *229, *242, ^310, ^313, ^315, ^331, *592
Bigner SH, ^310, ^315, *592
Bird ED, *559
Bjornsson J, *32
Boggs AL, ^327
Bonilla N, ^313
Bonnin JM, ^333
Bornstein MB, *295, ^319, ^343, ^348
Bouldin TW, *384
Bourque EA, ^352
Bowman PD, ^339
Braunfeld MB, ^364
Bready JV, *445
Bresnan M, ^360
Brion S, ^322
Brooks SE, ^315
Brosnan CF, *196, ^318, ^319
Brown HR, ^359
Brown PW, ^328
Bruce ME, *285
Brumback RA, *507
Buchmeier MJ, ^323
Burger PC, ^310, ^331, *592
Burns AC, ^335
Burns RS, ^325

Cammer W, ^318
Campbell WW, Jr, ^356
Cancilla PA, *445
Cardozo J, ^313
Carp RI, ^357, ^363, ^364, ^367
Carpenter S, ^356
Carter TH, *196
Casanova MF, ^324, ^325, ^366, ^368
Caughey RC, ^361
Chad D, ^355
Challa VR, ^313, ^341
Chen WYK, ^360, *606
Cherry JA, ^347
Chi NH, ^344
Chiu F-C, ^319
Cho E-S, ^323, ^349
Cho L, ^350
Choi BH, ^336, ^345
Choi H-SH, *18
Chou SM, ^351, ^361
Clapin D, ^334
Cole R, ^323
Colon LE, ^337
Connell F, ^342
Cook RD, ^319
Cork LC, *165, ^366, ^368
Costello P, ^338
Crawford BG, ^315
Crone KR, ^313
Crow TJ, *176
Crowe A, ^367
Cruse RP, ^351

Dahl D, ^328, ^344
Daita G, ^311
David JP, ^313
Davis PC, ^307
Davis RL, ^316
DeArmond SJ, ^316, ^364, *459
Deck JHN, ^357
DeGirolami U, ^355
de Lacoste MC, *578
DeLellis RA, ^316
Denaro FJ, ^350
Derouesné C, ^312
deVellis J, ^323
Dhib-Jalbut S, ^311
Dickinson AG, *285
Dickson D, ^329, ^341, ^367
Diven W, B217
Donohue-Rolfe A, *496
Dooling EC, ^334
Dorovini-Zis K, ^339
Dubeau F, ^355
Duckett S, =114, ^318, ^335
Duffy PE, *486
Duhr M-A, ^314
Duncan ID, ^322
Duwe GF, *617
Dyck PJ, ^346

Ebers GC, ^334
Elder PJ, ^312, *371
Eng LF, *47, ^326, ^331
Engel AG, B108, ^361
Epstein LG, ^350
Erenberg G, ^351
Eskin TA, ^354
Estes MI, ^351

Fan KJ, ^309, ^330
Faris A, B442
Fenko MD, ^331
Feringa ER, *156, ^355
Ferrante RJ, ^325, *559
Fetell MR, *486
Fischbeck KH, *147
Fischer EH, ^320
Fleit H, ^321
Forno LS, *47, ^326, *459
Forte S, ^324
Fratkin JD, ^340
Frauenhoffer EE, ^328
Frey WH, 2d, ^336
Friede RL, *60, *73, *546
Friedman HS, ^310, *592
Fujinami R, ^322

Gajdusek DC, ^328
Gambetti P, ^345, B530
Gang DL, ^334
Ganz J, ^317
Garcia JH, ^337, B441
Gardiner RE, ^326
Gause JM, ^368
Gautier JC, ^322
Gaynor JJ, *384
Geer JC, ^337
Ghatak NR, ^356

Gherardi R, ^308, ^312
Gilmore SA, ^322, *415
Girvin JP, ^338
Goebel HH, ^356
Goines ND, *384
Gold BG, ^349
Goldman JE, ^326
Goldmuntz EA, ^318
Goldstein GW, ^339
Goller NL, ^359
Grafe MR, *47
Grahmann FC, *229
Gray F, ^308, ^312, ^322
Gregorios JB, ^338, *397, *404
Griffin JL, ^330
Griffin JW, ^349
Gross GW, *268
Grundke-Iqbal I, ^366, ^, 368,
Grunnet ML, ^334, ^342
Guzman A, ^334

Hadfield MG, ^356, *520
Halks-Miller M, ^344
Halliday WC, ^314, ^357, *617
Halperin ED, ^310, *592
Hammang JP, ^322
Hanin I, ^329
Hansen LA, ^308, ^311
Harper CG, ^357
Hart MN, ^332, ^338, ^340, ^360, *445
Haugh M, ^367
Hauw JJ, M114
Hays NJ, ^341
Heckman HM, ^347
Higgins ML, *268
Higgins T, *176
Highland R, ^349
Hirano A, *295, ^308, ^329, ^342, ^343, *430
Ho KL, ^336
Hoffman LM, ^315
Hoffman PN, ^332
Homburger HA, *204
Horoupian D, ^341
Hoshino T, ^316
Houff SA, *520
Husain MM, ^307, ^359
Hylton D, ^309

Iqbal K, ^366, ^367, ^368
Isacson N, ^360
Iwasaki Y, *185, ^362

Jackson IMD, ^324
Jacobsen P, L304
Jacobsen PF, *472
Jagadha V, ^314, ^357
Jahnke U, ^320
Jenkyn DJ, *472
Johnson PC, ^345
Jones MZ, ^352
Jortner BS, ^347
Joshi VV, ^350

Kakulas BA, L304
Kalichman MW, ^347
Kalyan-Raman K, ^361
Kalyan-Raman UP, ^361
Karnes J, ^346
Karpati G, ^356
Kascsak RJ, ^363, ^364, ^367
Katayama M, ^352
Kato T, ^342
Katz J, ^330
Kaufmann JCE, ^334
Kawano N, ^358
Keim D, ^334
Kelly DL, Jr, ^313,
Kempski O, ^340
Kendrick FD, ^333,
Kepes JJ, ^359, ^360, *606
Keusch GT, *496
Kiefer R, ^348
Kim RC, ^336, ^345
Kim SU, ^323, ^343
Kim SW, ^336
Kim YS, ^357
Kirchgaessner N, ^348
Kirkpatrick JB, *268, ^331, *578
Kitt CA, ^324, ^325
Kleihues P, ^344
Kleinman GM, ^334
Klinge E, *415
Knobler RL, ^318, ^323
Kobayashi M, ^310
Kobayashi S, ^352
Koeppen AH, ^326
Koestner A, ^312
Kolodny EH, ^351
Konno H, *185, ^362
Kornfeld M, ^333, ^336
Korr H, ^320
Kowall NW, ^325
Kozlowski PB, ^317, ^327
Kress Y, ^326, ^329
Kretzschmar HA, ^364, *459
Krigman MR, *384
Kril JJ, ^357
Krinke G, *117
Kristt DA, ^353
Kuban K, ^360
Kuchibhotla J, *533
Kusaka H, *295, ^343, *430
Kute TE, ^313

Lach B, ^309
Lais A, ^346
Lamarre L, ^355
Lampert PW, ^320, ^322, ^350
Lapham LW, ^354
Larbrisseau A, ^355
Lassmann H, ^363
Laure-Kamionowska M, ^342
LeBeau JM, ^353
Lechago J, ^315
Lechan RM, ^324
Lee GW, *156
Lee VM-Y, ^324
Leech RW, *32, *507
Lees MB, ^320
Lemann W, ^349
Lennon VA, ^318
León E, ^313
Levine S, B627
Lewicki H, ^323
Linhardt RJ, ^341
Linthicum DS, ^360
Lippman HR, ^356
Little BW, ^328
Liu D-S, *185
Liu HM, ^335
Liwnicz BH, ^311, ^316
Liwnicz RG, ^316
Llena J, ^308
Lossinsky AS, ^339, ^357
Lovell KL, ^312, ^352
Lublin FD, ^318
Lucas JH, *268
Lyerly AD, ^341
Lyman WD, *196, ^319
Lynn GE, ^352

Madrid RE, ^354
Malik MN, ^331
Mandybur TI, ^310, ^330
Manuelidis EE, *1
Mark J, ^315
Markowitz DL, *371, ^312
Markowitz SM, *520
Marsault C, ^308
Martin JB, ^325
Martinez AJ, ^329, B627
Masters CL, L304, ^363
Mastri AR, ^336
Matre R, ^317
Maxwell K, *445
May EE, ^314
McCarron R, ^321
McComb RD, *229, *242, ^313
McFarlin DE, ^321
McKinley MP, ^364
McLendon RE, ^331
Medori R, ^345
Mehta PD, ^321
Meighan ME, *384
Merigan WH, ^354
Merz PA, ^363, ^364, ^367
Meyermann R, ^320
Michaud J, ^314, ^355
Miller JE, ^354
Miller RH, *507
Mirra SS, ^365
Mitsumoto H, ^327
Mitzen EJ, ^326
Mizuno Y, ^351, ^361
Mobtaker H, ^316
Monaco S, ^345
Monte SM de la, ^358
Montpetit V, ^334
Moody DM, ^313
Moore GRW, ^321
Moore SA, ^338, ^340
Moossy J, B108, B109, E225, ^327, ^329, B439
Moossy YR, E225

Moran JR, ^341
Morgello S, ^337, ^350
Morimoto K, *204
Mørk SJ, ^317
Mozes LW, ^338, *397, *404
Mukai N, ^310
Multhaup G, ^363
Munoz-Garcia D, ^349
Munsat TL, ^324
Murovic JA, ^316
Murphy DB, ^366
Murray RS, ^319
Mushak P, *384
Myers RH, *559
Myers RL, ^312
Myers RR, ^346, ^347, ^353

Nafziger D, ^330
Nagashima K, ^358
Nagashima T, ^316
Naylor DC, *117
Nelson JA, ^350
Neumann P, ^341
Nielsen S, ^349, ^350
Nielsen VK, [B]628
Nilaver G, *486
Nishiguchi DJ, *254
Norenberg L-OB, *397
Norenberg MD, ^338, *397, *404
Norton WT, ^318
Nyland H, ^317

O'Brien P, ^346
O'Connor DT, ^324, ^325
Okazaki H, *32
Oldstone MBA, ^323, ^350
Oliver MG, ^359
Olson JJ, ^341
Onofrio BM, ^315
Ormsby I, ^310
Otsuka F, *507

Paldino AM, *97
Papadimitriou JM, *472
Parisi JE, ^325, ^358
Pearce-Kelling S, ^362
Pearl GS, ^307, ^308, ^311
Peckham N, ^345
Pegram CN, ^331
Pendlebury WW, ^349
Peress NS, ^321
Perillo E, ^321
Perl DP, ^328, ^349
Peterson C, ^326
Petito CK, ^337, ^349, ^350
Pezeshkpour G, ^309, ^330, ^358
Pfeiffer G, *546
Phillips MJ, *617
Plas J, ^322
Plurad SB, *130
Poirier J, [M]114, ^308, ^312
Politis MJ, ^354
Powell HC, ^346, ^347, ^353
Powers JM, ^365
Powers RE, ^324, ^325
Price DL, *165, ^324, ^325, ^332, ^366, ^368
Prince DA, ^353
Privé M, ^314
Probst A, ^367
Prusiner SB, ^364

Raghavan SS, ^351
Rahman M, ^309
Raine CS, *295, ^317, ^319, ^321, ^343, ^348
Rankin LF, ^350
Rao C, ^315
Rao G, ^329
Reave S, ^338
Reynolds G, *176
Richardson EP, Jr, ^325, *559
Robbins JH, *507
Roberts RL, ^338, ^340
Rodriguez M, ^318
Rojiani AM, ^323
Rosenblum WI, ^339, [L]624
Rosenthal A, ^322
Rosoff J, ^346
Ross ED, *578
Roth GA, ^319
Rothner AD, ^351
Roy DN, ^348
Röytta M, ^348
Rubenstein R, ^363, ^364, ^367
Rubinstein LJ, ^314
Rudelli RD, ^327, ^364
Ruether R, ^353
Ryschkewitsch CF, ^363

Sarantos P, ^353
Sawada R, ^310
Sawada T, ^310
Schaefer DC, ^362
Scheithauer BW, *32, ^315
Schelper RL, ^332, ^360
Schmidt ML, ^333
Schmidt RE, *130
Schneck L, ^315
Schoene WC, [B]216, ^334
Schold SC, Jr, ^315
Schrier RD, ^350
Schuller-Levis G, ^317
Schulte BA, ^332
Seelig M, ^348
Seiflin M, *520
Selkoe D, ^365
Service FJ, ^346
Shaffner LdeS, ^341
Shapiro F, ^360
Sharer LR, ^350
Sheikh AM, ^331
Shek JW, ^366
Sher JH, ^327, ^359
Shimura T, ^308
Shin DH, ^323, ^343
Shirataki K, ^308
Siegel DA, ^352
Siegelman J, ^321
Sima AAF, ^346
Simms G, ^363
Sims TJ, *415
Sirinek LP, *371
Sirken SM, *147
Skorpil V, *117
Smith TW, ^355
Sobel RA, ^320
Sonneland PRL, ^315
Sotrel A, ^360
Soukup SW, ^316
Sparkman DR, ^368
Spatz M, ^340
Spencer PS, ^348
Spicer SS, ^332
Stefansson K, *533
Stein BM, *486
Stein MR, ^315
Stephens RE, *254, ^312, *371
Sternberger LA, ^332, ^368
Sternberger NH, ^332, ^368
Stevens TJ, *559
Stone SH, ^321
Stoner GL, ^363
Strauss SE, *520
Streit WJ, ^332
Stroop WG, ^319, ^362
Struble RG, ^324, ^325, ^366, ^368
Summers BA, ^362
Suzuki Ki, *85, *97, ^326, ^343, ^352
Suzuki Ku, ^352, [B]626

Tagliente TM, ^311
Takei Y, ^307, ^308, ^311
Tansey FA, *196
Tarone RE, *507
Tassell SK, ^360
Tavares A, ^313
Taylor GR, *176
Teglbjaerg PS, *606
Thormar H, ^359
Tischler AS, ^316
Towfighi J, ^309, ^311, ^328
Trapp BD, ^353
Traugott U, ^317, ^321
Trojanowski JO, ^310, ^324, ^333, *592
Troncoso JC, *165, ^332
Turner CS, ^341

Ucci AA, ^351
Ulrich J, ^367

Vahlsing HL, *156, ^355
VandenBerg SR, ^314
van der Veen RC, ^320
VanDyk L, ^340
Vannier A, ^308
Vinters HV, ^334, ^338, *445
Vogel FS, [M]220
Volk B, ^344, ^348
Vonsattel J-P, *559
Vorbrodt AW, ^339

Waldschmidt MM, ^360
Walkenstein N, ^324
Walker DL, ^363
Walkley SU, ^352
Waxman SG, ^415
Webster HdeF, ^363
Weinman NA, ^363
Wekerle H, ^320
Wen GY, ^366
Whisler RL, *371, ^312
White CL, 3d, ^368
Whitters E, ^332
Wiestler OD, ^344, ^348
Wikstrand CJ, *229, ^331, *592
Wiley CA, ^350
Wiley RG, *496
Wisniewski HM, ^317, ^321, ^331, ^339, ^342, ^354, ^357, ^359, ^363, ^364, ^366, ^367, ^368
Wisniewski KE, ^342
Wolfe D, ^335
Wolfe HJ, ^316
Wurzelmann S, ^352

Yada K, ^358
Yagihashi S, ^346
Yamamoto K, *204, ^337
Yamamoto T, *185, ^329, ^362
Yamano T, *85, *97
Yanagihara T, *204, ^337
Yasuda H, ^346
Yates AJ, *254, *371, ^312
Yeger H, ^309, *617
Yen SH, ^329, ^352, ^367
Yoshimine T, *204
Younkin LH, ^330
Younkin SG, ^330
Yu RK, ^343

Zagoren JC, ^348
Zang X, *486
Zochodne DW, ^334

Journal of Neuropathology and Experimental Neurology
Vol. 44, No. 6
November, 1985
pp. 636–640
Copyright © 1985 by the American Association of Neuropathologists

SUBJECT INDEX

A

Abstracts, 307
Acid maltase deficiency, 335
Acquired immune deficiency syndrome
  Neuropathology, 349, 350
  Subacute encephalitis, 349
Acrylamide monomer, 354
Actin, 359
Adenovirus, human, 310
Agenesis of corpus callosum, 356
Agent, feline derived, 319
Alcoholism, 357
Aluminum, 332
Alzheimer's disease, 325, 329, 330, 331, 363, 364, 365, 366, 367, 368
Alzheimer II glia, 459
American Association of Neuropathologists
  Abstracts, 307
  Awards, 531
  News, 224, 331
  Officers, 531
6-Aminonicotinamide, 343
Ammonia, 397, 404
Amputation
  Limb, 355
  Neurite, 268
Amyloid, 364
  Angiopathy, cerebral, 330
  Plaques, 285, 363, 364, 365
Amyloidoma, choroid plexus, 359
Amyloidosis, senile cerebral, 365
Amyotrophic lateral sclerosis, 430
Anencephaly, 341
Anterior horn cells, 430
  Spinal cord, 336
  Vacuolated, 327
Antibodies, monoclonal, 229, 331, 533
Antigenic heterogeneity, 229
Apolipoprotein E, 344
Aqueduct, cerebral, 343
Arachnoid cyst, intracranial, 333
Arterioles, brain, 339
Astrocytes, 295, 343, 397, 404, 415, 459, 486
  Fibroblastic activity, 359
  Neoplastic, 359
  Tissue cultures, 338
Astrocytoma, 229
Ataxia, 165
Atherosclerosis, 337
Atrophy, nerve fiber, 546
Axonal
  Dystrophy, 130, 346
  Regeneration, frustrated, 130
  Swellings, proximal, 349
  Transport, 362
Axonopathy
  Distal, 348
  Neurofilamentous, 345
  Toxic, 354
Axoplasmic transport, 362

B

Basal ganglia, 47
  Human, 326
Basal lamina, 295
Basement membrane, 242
Beta interferon, 312
Beta-(*N*)-oxalylamino L-alanine, 348
Blood–brain barrier, 338, 339, 340, 445
Book reviews, 108, 109, 216, 217, 218, 439, 440, 441, 442, 530, 626, 627, 628
  Brief reviews, 110
Books received, 111, 443
Brain
  Lymphomas, primary, 309
  Neoplasma, 472, 592
  Postmortem, 176
  Rat, developing, 344
  Shrinkage, 357
  Tumor, human, 316
Brain development, postnatal, 342
Brindled mouse
  see Mice
Bromodeoxyuridine, 316

C

Canine distemper virus, 362
Capillaries, cerebral, 340
Carcinoma
  Embryonal, 32
  Oat cell, lung, 311
Cauda equina region, 315
Caudate nucleus, 559
Cavitation, 322
Cell culture, 254, 371
Cell death, 156
Cell lines, 310, 472, 592
Cells, cultured, 268
Central chromatolysis, 430
Central nervous system, 533
Cerebellum, 85, 97, 165, 348
Cerebral
  Ischemia, 204, 337
  Maturation, dysplastic, 327
  Metastases, 308
  Microvessels, 338, 339
  Microvessels, cultured, 339
  Transendothelial, electrical resistance, 340
Cerebellar
  Atrophy, 334
  Neurons, 344
Cerebrospinal outflow system, 321
Choriocarcinoma, 32
Chromium encephalopathy, 335
Clarke's column, 156
Cockayne syndrome, 507
Collagen
  Type VI, 313
Copper, 97
Copper therapy, 85

Corpora amylacea, 335
Corpus callosum, human, 578
Corpus striatum, 559
Cortisone, 341
Creatine kinase BB-isoenzymes, 204
Cresyl echt violet, 156
Creutzfeldt-Jakob disease, 1
Cryostat sections, 341
Cultures, organotypic, 343
Cytogenetics, 315
Cytomegalovirus, 176
  Encephalitis, pathology, 350
  Genome, 350
  Proteins, 350
Cytotoxin, 496

D

Deafferentation, selective toxic, 354
Deafness, congenital, 352
Degranulation, 196
Dementia, 329, 330, 336
Demyelination, 322, 354, 384
  Central nervous system, 318, 319
Dendrites, 85, 97
Dendritic arborization, 85
Dialysis, peritoneal, 357
DNA, 176
  Repair, 507
  Synthesis, 341
Dogs, 165
  Aged, 366
  Gordon Setters, 165
  Norwegian elk hound, 366
Dolichol, 334
Down's syndrome, 342, 363
Doxorubicin, 362
Dwarfism, 507
Dysgenesis, renal 327

E

Echoviruses, 520
Editorial, 225
Electrical resistance, cerebral transendothelial, 340
Electrophoresis, 2-D gel, 617
ELISA, 459
Encephalitis
  Chronic localized, 351
  Eastern equine, 358
  Rasmussen's, 351
Encephalitogenic sequences, 320
Encephalomyelitis
  Allergic, experimental, 320
  Autoimmune, experimental, 318
  Autoimmine, experimental, acute, 321
  Autoimmune, experimental, chronic relapsing, 317
  Chronic, 320
  Chronic relapsing, 317, 321
  Relapsing-remitting, 318
Encephalomyocarditis virus, M variant, 315
Endoneurial fluid, 353
Endorphins, 47
Endothelial permeability, 340
Endothelium, 339
  Capillary, 340
  Cerebral, 341
  Cerebral, microvessel, 445
Enolase, neuron-specific, 18
Enzyme-linked immunosorbent assay
  see ELISA
Ependymitis, 359
Ependymoma, 309
  Anaplastic, 313
Epileptic focus, chronic, 353
Epithelial cells, 295
Epitopes, phosphorylated, 367
Escourolle, Raymond, M.D., 114
Experimental myelinolysis, electrolyte induced, 323

F

Fibronectin, 254
Flash frozen, 341
Flow cytometry, 254, 313
Fluorescence activated cell sorting, 365
Foreign body reaction, 341
Freeze fracturing, 147

G

Galactocerebroside, 319
Galloway syndrome, 327
Gangliosides, 312, 343
Genetics, 285
Gerbil, 204
Germinal plate, 342
Germinoma, intracranial, 32
Glia, 254
  Limitans, 415
Glial cells, 338
  Human, 343
  Myelin-forming, 345
Glial fibrillary acidic protein, 18, 254, 331, 459, 486
Glial filament protein, 324
Glioblastoma
  Granular cell, 333
  Human, 310
  Multiforme, 229
  Spinal, 333
Glioma-derived cell lines, human, 316
Gliomas, 254, 317, 371
  "Adenoid" components, 359
  F98, 312
  Human, 312
  Human, malignant, 315
Gliosarcoma, 313
Gliosis, 156
Globoid cells, 351
Globoid leukodystrophy, 351
  Murine, 352
Glucose analogues, 445
Glycoconjugates, 332
Glycolipids, 371
  Storage disease, 351
Golgi apparatus, 337
Golgi technique, 85
Gordon Setters
  see Dogs
Grafting, intracerebral, 344
Granule cell, 165
  Tumors, pituitary, 309

Growth control, 371

H

Hamsters, neonatal, 342
Haymaker, Webb Edward, M.D., 220
Hemangioblastoma, 307
  Cerebellar, 308
Hemodialysis, 357
Heparin, 341
Hepatic encephalopathy, 459
Hereditary diseases, 165
Herpes simplex virus, 362
  Reactivated, drug-induced, 362
2,5-Hexanedione, 349
Hippocampus, human, 324
Hirano bodies, microfilamentous, 326
Hirschsprung disease, 341
Histochemistry, 337, 351
Horseradish peroxidase, 156
Huntington's chorea (disease), 47, 176, 325, 559
Hybridization, molecular, 176
Hydrocephalus, 359
  Experimental, 343
Hypogammaglobulinemia, 520

I

IgG, oligoclonal, 321
Immunoblot, 333
Immunocytochemistry, 47, 254
Immunoelectronmicroscopy, 337
Immunoglobulin therapy, 520
Immunohistochemistry, 18, 204, 486, 617
Inclusions, neuronal cytoplasmic, intranuclear, 366
Incubation period, 285
Infarction, cerebral, 578
Infection
  MHV-4, 323
  Neuronal, persistent, 319
In memoriam, 114, 220
Insulin, 445
Interferon, 371
Intermediate filament, 617
Internal carotid artery, 337
Internode length, 60, 73
Ischemia, 346

J

JC virus, 363

K

Karyotype, 472
Keratin, 341
Kinky hair disease, 85, 97

L

Lactic acid, 338
Lacunae, cerebral, 312
Laminin, 242
Laser surgery, 268
Lathyrus neurotoxin, 348
Lead, 384
Lead neuropathy, 384
Lead poisoning, 384
Lectins, 332
  Histochemistry, 351
Leptomeninges, 295
Letters to the Editor, 304, 624
Leukodystrophy, sudanophilic, 322
Leukoencephalopathy, progressive multifocal, 363
Lipids, 371
Liver diseases, 459
Lymphomas of the brain, primary, 309
Lymphoproliferative syndrome, X-linked, 334

M

Macrophages, 332
Mannosidosis
  Alpha, feline swainsonine-induced, 352
  Beta, 352
Markers, transmitter-specific, 325
Mast cells, 196
Maturation, nerve, 328
Measles virus, 359
Medulloblastoma, 472, 592
  Human, 310
Memorials
  see In memoriam
Meningiomas, 242, 313, 314, 315, 606, 617
  Intracellular, 360
  Mucoid changes, 360
Meningomyeloencephalitis, 520
Met-enkephalin, 47
1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), 325
Mice
  Athymic, 315
  Brindled, 85, 97, 326
  Nude, 310, 472, 592
  Nude BALB/c, heterozygous, 322
  Nude BALB/c, homozygous, 322
  Quaking, 353
  Twitcher, 351, 352
Microangiopathy, 346
Microcephaly, 507
Microglia, 318
Microscopy, immunoelectron, 361
Microspectrophotometry, 314
Mitotic inhibitor, 354
Monkey, *Macaca mulatte,* 578
Monoclonal antibodies
  see Antibodies
Mononuclear cells, 317
Morphometry, 97, 330, 342, 559
Motor neurons, spinal, 355
Mucoid degeneration, 606
Mucopolysaccharides, 335
Multiple sclerosis, 319
Mumps virus, 361
Muscle
  Denervation, 147
  Fiber injury, cell mediated, 361
  Human, 356
  X-ray microanalysis, 361
Muscles, 147, 361
Muscular dystrophy, 147
  Congenital, 360
Myelin, 323
  Damage, 319

Myelin basic protein, 319, 321
Myelin sheath thickness, 546
Myelin thickness, 60, 73
Myelopathy, 336
Myopathy, autoimmune inflammatory, experimental, 360
Myositis, inclusion body, 361

N

Natural killer cells, 371
Negri bodies, 185
Neocortex, freeze-damaged, 353
Neonatal
  Hamsters, 342
  Humans, 342, 343
  Rat, 342
Neoplasms, 1, 242
  Experimental, 472
  Neuroepithelial, 313
  Neuronal, 311
Nerve compression, experimental, 347
Nerve fiber, non-circularity, 546
Nerve injury, local anesthetic-induced, 347
Nerve regeneration, 73, 353
Nervous system, 242
Neural cells, human, 316
Neurites
  Ectopic, 352
  Senile plaque, 368
Neuritic plaque, 365
Neuritis, chronic, relapsing, experimental, autoimmune, 354
  Allergic, experimental, 196
  Autoimmune, 354
  Chronic, 354
  Optic, 311
  Relapsing, 354
Neuritogenic sequences, 320
Neuroblastoma
  Cerebral, 307
  Olfactory, 18
Neuroendocrine
  Cells, human, 317
  System, 324
Neuroepithelial
  Neoplasms, 313
  Tumors, desmoplastic, supratentorial, 314
Neurofibrillary tangles, 329, 332, 366, 367, 368
Neurofilament
  Antigens, 332
  Epitopes, axon-specific, 328, 344
  Phosphorylated, 368
  Subunits, 324
  Triple protein, 331
Neuron, nicotinamine adenine dinucleotide phosphate diaphorase (NADPH-d)-positive, 325
Neuron-specific enolase (NSE)
  see Enolase
Neuronal
  Atrophy, 559
  Ceroid-lipofuscinosis, atypical, 334
  Cytoplasmic, intranuclear inclusions, 336
  Infection, persistent, 319
Neurons, 533
  Cerebellar, 344
  Cortical pyramidal, 352
  Fetal, human, 323
  Human, 343
  Sensory, 117
Neuropathy, 73
  Chronic, inflammatory, 355
  Diabetic, 345
  Diabetic, human, 346
  Entrapment, 347
  Giant axonal, 355
  Peripheral, 356
  Riboflavin deficiency, 347
  Vasculitic, 345
Neuropeptides, hypothalamic, 311
Neurosyphilis, 358
Neurotoxicity, 496
  Taxol, 348
Neurotransmitters, 324
Neutrophils, human, 339
Non-circularity, nerve fiber, 546
Norwegian elk hound
  see Dogs
Nuclear atypia, 507
Nucleus raphe dorsalis, 329
Nude mice
  see Mice

O

Oligoclonal, IgG bands, 321
Oligodendrocyte, 322, 345
  Adult, human, 323
  Mouse, 323
Oligodendrogliomas, 314
Olivopontocerebellar atrophy, 326
Optic neuritis, 311
Oral-facial-digital syndrome, 328
Organotypic culture, 295

P

Paired helical filaments, 366, 367, 368
Paraganglioma, 315
Paraneoplastic motor neuron disease, 311
Parkinson disease, 47
Parkinsonism
  -dementia complex of Guam, 329
  MPTP-induced, 325
Pars intermedia, adult human, 308
Peripheral nerve diseases, 384
Peripheral nerve fibers, 60
Peripheral nerves, 73, 353, 546
Peripheral nervous system, 533
Peritoneal dialysis, 357
Peroxidase–antiperoxidase technique, 185
Phenytoin, 348
Pheochromocytoma, 307
Pick's bodies, 366, 367
Pineal body, 486
Platelet-derived growth factor, 340
P_o protein, 353
Poliomyelitis, 360, 361
  Chronic paralytic, 336
Poliomyelitis-like syndrome, 520
Polypeptides, 367
Polyvinylpyrrolidone, 360, 606

Prazosin, 318
Progressive supranuclear palsy, 329
Proin, 364
Proteases, calcium-activated neutral, 331
Protein, cholinergic, 330
Proteolipid protein, 320
Purkinje cell, 97, 165
Putamen, 559
Pyridoxine, 117

Q

Quaking mice
see Mice

R

Rabies, 185
Radial glia, 415
Radiation, 415
  Ultraviolet, 507
Radiculopathy, chronic demyelinating, 356
Rasmussen's encephalitis, chronic localized, 351
Rat, 117
  Adult, 156
  Neonatal, 342
Receptors
  Alpha$_1$-adrenergic, 318
  IgG-Fc, 321
  Lectins, 339
  Nerve growth factor, 312
Referees, 1984, 116
Regeneration
  Central nervous system, 354
  Nerve, 353
  Peripheral nerve, 344
Remyelination
  Central nervous system, 318
Retinoblastoma-like tumor, 12-induced, 310
Retino-inferior collicular fibers, 342
Retrograde transport, 333
Riboflavin deficiency, neuropathy, 347

S

S-100 protein, 18
S phase cells, 316
Saline, hypertonic, 336
Sarcolemma, 147
Schizophrenia, 176, 330
Schwann cells, 384, 415
  Intraspinal, 322
Schwannoma, 242
Scrapie, 1, 285, 357, 363, 364
  Associated fibrils, 363, 364
Seizures, focal cerebral, 351
Selective vulnerability, 344, 358
Senile dementia, 364
Senile plaques, 325, 331
Sensory neurons, 117
Shigella, 496
Silicone chambers, 353
Somatostatin, 326
Spheroid, 430
Spinal cord, 348, 356, 415
  Developing, 345
  Human, 324
  Mouse, 295, 343
  Transection, 355
Spinal nerve roots, 546
Storage diseases, 606
Stromal cells, 308
Subdural neomembrane, 358
Substance P, 47, 332
Sympathetic nerves, diabetic, 346
Synaptic density, 342
System degeneration, familial, 328

T

T-cell immunoblastic sarcoma, 334
T cells, 319, 320
T-lymphocyte
  Antigen, 316
  Virus type III, human, 350
Tellurium, 322
Tendon, rupture, 356
Teratoma, 32
Thalamus, 328
Theiler's murine encephalomyelitis virus, 319, 322
  Chronic, 318
Thyrotropin-releasing hormone, 324
Tissue cultures, 1, 338, 397, 404
  Dissociated brain, 362
Toxicity, 117
Transmissible encephalopathies, 1
Trauma, central nervous system, 268
Trigeminal ganglion, 362
Tropic factor, 354
Tubulin, 204, 366
12-Induced retinoblastoma-like tumor, 310
Twitcher mice
see Mice

U

Ulcerative colitis, 355
Ultrastructure, 404, 415, 430
Ultraviolet radiation
see Radiation

V

Vasoconstriction, 339
Vimentin, 617
Viral proteins, 320
Visual cortex, 342
Visual system, primate, 354
Vitamin B$_6$, 117
Von Hippel-Lindau disease, 307

W

Wallerian degeneration, 578
Wernicke's encephalopathy, 357
Western blot, 459
Wheat germ agglutinin-horseradish peroxidase, 333
Wobbler motor neuron disease, 327

X

Xenograft, 592
  D238 MED, 310

Y

Yolk sac tumor, 32